



# Tactical Training Theater Assessment & Planning Process (TAP)



**EFDLANT Brief**  
**12 June 2003**



# Agenda

- ☐ **TAP Overview**
- ☐ **TAP Program Elements**
- ☐ **Cherry Point/Camp Lejeune  
RCMP**



# Training Area Challenges

***Pressures on naval training areas that continue to erode access & can ultimately impact readiness:***

- ❑ New weapons & tactics outgrowing available area
- ❑ Ever-lengthening reach of environmental law/litigation
- ❑ Encroachment
- ❑ Aging, static infrastructure

***Exacerbating conditions:***

- ❑ No unified long-range planning
- ❑ Disjointed management structure
- ❑ Inadequate investment
- ❑ Scant public understanding





# **Tactical Training Theater Assessment & Planning (TAP)**

***A comprehensive, integrated process to sustain naval training assets & enhance mission readiness by:***

- ☐ Reducing risk of limitations to range access
  - Documenting compliance with environmental laws
  - Identifying & mitigating encroachment
  - Finding & eliminating off-range contamination
  - Clearing ranges of expended ordnance & UXO
- ☐ Identifying capabilities required to sustain, upgrade & modernize naval training ranges & OpAreas

***Goal is to ensure ability to “Train as we fight”***



# TAP Environmental Elements

- ❑ Range Complex Management Plan
- ❑ Range Sustainability Environmental Program Assessment

- ❑ Operational Range Clearance

- ❑ Environmental Impact Statement (EIS)/Overseas EIS (OEIS)

## Policy studies

- Marine Mammal Protection Act Permit Analysis
- Essential Fish Habitat Analysis
- Coastal Consistency Determination
- Cultural Resource Survey/Programmatic Agreement
- Endangered Species Act Biological Assessment
- Clean Air Act Conformity Analysis
- Coral Reef Analysis
- Range Air Installation Compatible Use Zones



# Range Complex Management Plan (RCMP)

## ***Environmental & investment planning***

- ☐ Description of all range complex training areas
- ☐ Current range operations baseline
- ☐ Strategic vision on 10-year planning horizon
- ☐ Encroachment analysis
- ☐ Environmental & sustainable management plan
- ☐ Community outreach blueprint
- ☐ Range complex investment strategy





# RCMP Environmental Plan

***Blueprint for environmental coverage of all range complex operations outlined in strategic vision***

- ☐ Inventory of all completed & in-work range complex environmental studies and permits
- ☐ Gap analysis to identify areas requiring further study

***RCMP will feed directly into follow-on Comprehensive Range Complex EIS/OEIS***

- ☐ Range complex operations baseline
- ☐ Purpose & Need Statements
- ☐ Description of Proposed Actions & Alternatives

***RCMP will remain draft until action & mitigation measures from EIS ROD have been incorporated***



# RCMP Investment Strategy

## ***Investment recommendations to:***

- ☐ Mitigate encroachment pressures
- ☐ Bridge gap between current and desired range capabilities required to support strategic vision in an unconstrained operational environment

## ***Examples of investment recommendations***

- ☐ Additional environmental studies & sustainability programs
- ☐ Land, buffer zones, easements, airspace
- ☐ Facilities
- ☐ Instrumentation, targets, scoring & EW systems
- ☐ Enhanced command, control, communications





# Range Sustainability Environmental Program Assessment (RSEPA)

## ***Environmental assessment & remediation (if necessary) of Navy land-based ranges:***

- On-range environmental media compliance with RCRA, SDWA, CWA, CAA, etc.
- Off-range contamination and consequences
- ❑ Modeled after CERCLA process
- ❑ Range Condition Assessments (RCA) in POM
  - Past & current compliance with environmental regs
  - Environmental impacts of past & current range ops
  - Best Management Practice recommendations
- ❑ Comprehensive Range Evaluation (CRE)—field-testing, modeling, clean-up—if RCA finds need



# Operational Range Clearance (ORC)

## ***Clearance of UXO and munitions/target debris from land-based range impact areas***

- Routine clearance to maintain target integrity & range safety
- “Legacy” clearance to reduce risk of off-range contamination
- ❑ NOT clean-up/remediation
- ❑ Demilitarized scrap disposal through qualified recycling program
- ❑ ORC dropped from POM-04 submission for lack of validated requirement
  - Fleets developing Navy-wide policy & requirements to justify resubmission in POM-06



# Marine Species Density Data

***Analyses to support compliance of Navy training at sea with applicable laws (NEPA, MMPA, ESA), regulations & executive orders (OEIS)***

- ❑ **Marine Resource Assessment (MRA).** Comprehensive assessment of marine resources within a range complex:
  - Literature review & compilation of existing data on protected/managed species, habitats, physical environment, and other areas of concern
  - Identification of gaps in existing data
- ❑ **Marine Species Surveys (MSS).** Additional species distribution & abundance surveys to address data gaps identified in MRA.
- ❑ **At-Sea Compliance Analysis.** Potential impacts of current and future training within range complex on protected marine species.



# TAP Implementation

- 1<sup>st</sup>: Generate Final Draft RCMP**
- 2<sup>nd</sup>: Conduct NEPA analysis for programmatic EIS/OEIS of current & envisioned range complex training operations & RDT&E**
- 3<sup>rd</sup>: ROD & finalize RCMP**
- 4<sup>th</sup>: Implement RCMP recommendations for range investments, mitigation measures, & sustainable management programs**
- 5<sup>th</sup>: Satisfy NEPA for major exercises, new weapons systems & operations with Record of Consideration**
- 6<sup>th</sup>: Update RCMP every 5 years**



# TAP Initiatives

## FY02

- ☐ RCMP prototypes: Cherry Point (CLF/LantDiv) & SOCAL (CPF/SWDiv)
- ☐ RSEPA guidance document (CPF/NavFac)
- ☐ RSEPA RCA prototypes: SOCAL, Fallon & VACAPES (CPF/NavFac)
- ☐ MRAs: VACAPES, Cherry Point, JAX, Charleston, Key West, GOMEX (CFFC/LantDiv)

## FY03

- ☐ RCMP: VACAPES (CFFC/LantDiv)
- ☐ RSEPA RCA: Jacksonville (CNRSE & NAS Jacksonville/SouthDiv)
- ☐ ORC guidance document (CPF, CLF & EFDs/in-house)
- ☐ ORC prototype: Fallon (CPF/PacDiv)
- ☐ NEPA for Ranges guidance document (CNO/LantDiv)

## FY04-06

- ☐ RCMPs/NEPA: JAX/Charleston, Key West & GOMEX (CFFC<sub>1</sub> & CNRSE/ LantDiv & SouthDiv)



# TAP Acquisition Status

- ❑ CLF & CPF decided to execute TAP Program via two 10-year, \$100M A&E contracts
  - LantDiv contract with Parsons (Prime) & SRS (Major Sub)
  - SWDiv contract with SRS/Parsons Joint Venture
- ❑ Contract scope will include all RCMPs, NEPA and At-Sea Policy Compliance studies
  - RSEPA, ORC, & MSS handled separately
- ❑ Contract awards expected June 03





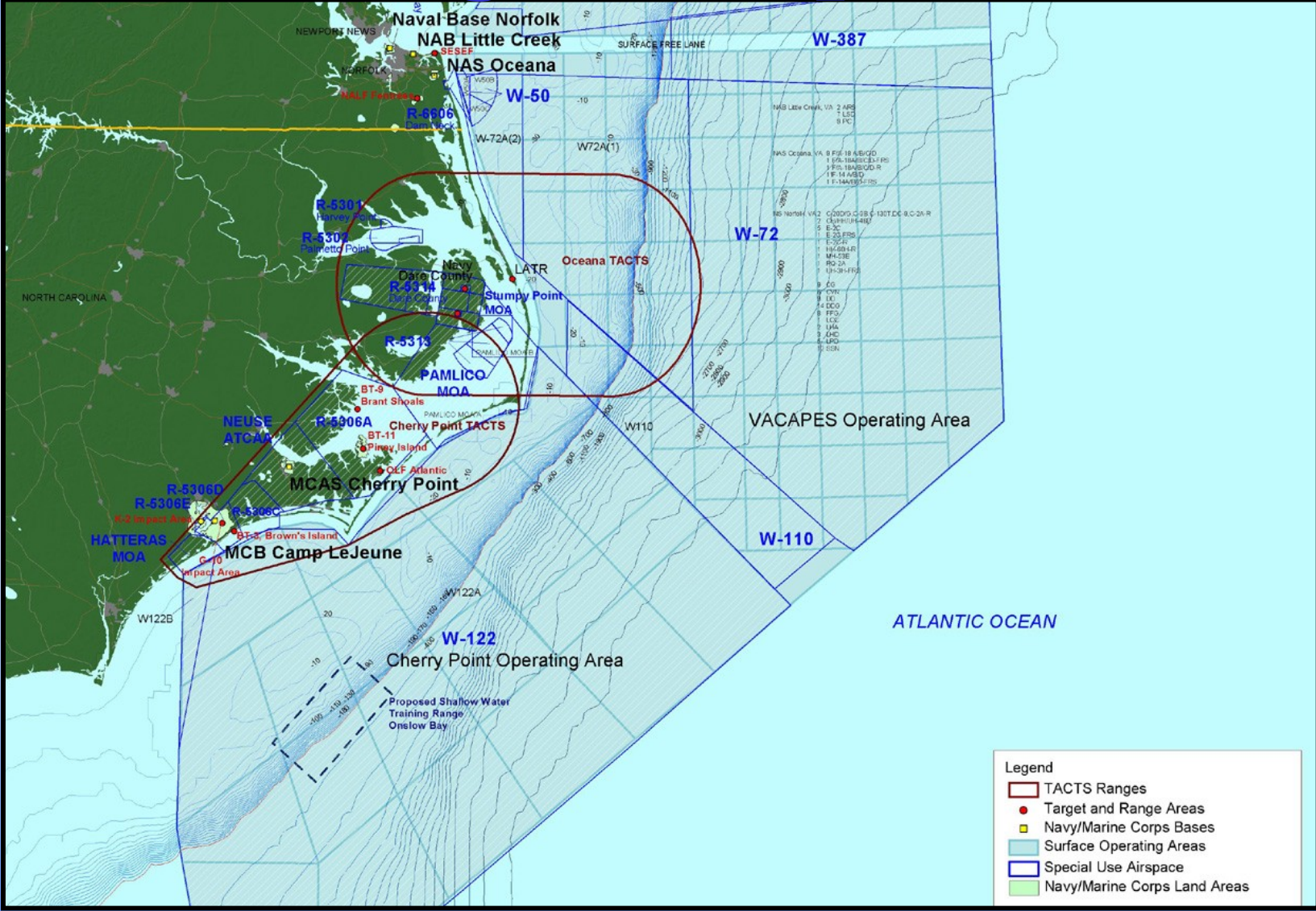
# RCMP Prototype: Standardized Range Planning & Management Process

- ❑ Create consistent Navy & Marine Corps approach to analyze range operations & address vulnerabilities
- ❑ Determine range capabilities required to support mission essential training
- ❑ Develop Navy-wide guidance for range management, environmental compliance, investment planning
- ❑ Establish range data protocols: Definitions, collection responsibility, required fields, IT architecture





# Cherry Point/Camp Lejeune Range Complexes





# Cherry Point/Camp Lejeune

*Land*

**120 sq nm**

*Airspace*

**18,390 sq nm**

*Water:*

**20,590 sq nm**

## Range Complexes

### ❑ Navy Cherry Point Range Complex

- Cherry Point OPAREA
- W-122

### ❑ MCAS Cherry Point Range Complex

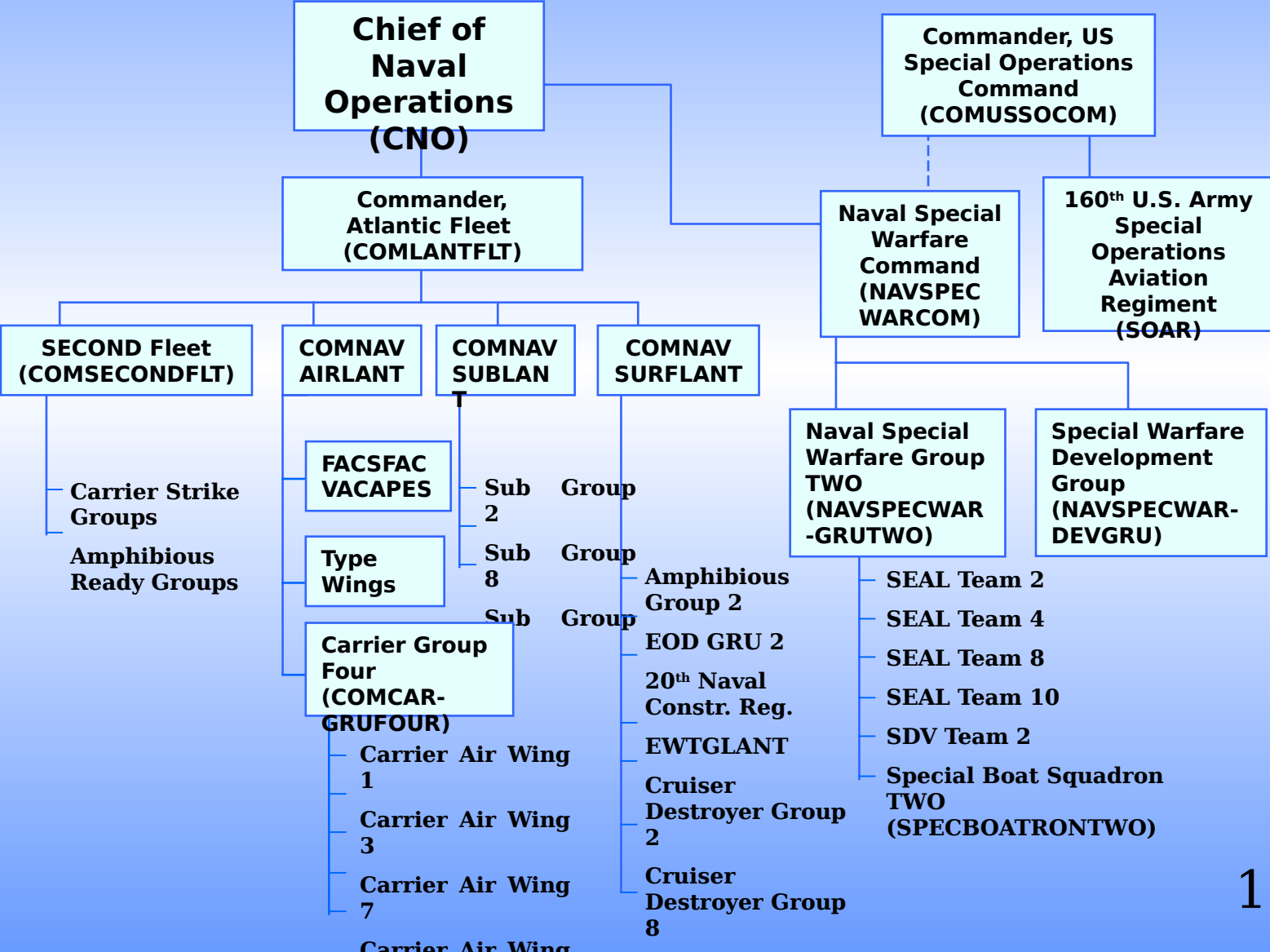
- BT-9, BT-11, MCOLF Atlantic, Oak Grove, MCALF Bogue
- Cherry Point TACTS and MAEWR (Navy Funding)
- Multiple Airspace and Low Level Routes

### ❑ MCB Camp Lejeune Range Complex

- Greater Sandy Run Area Ranges
- BT-3, G-10, K-2 Impact Areas
- Other Ranges and Training Areas (Live fire, Training/maneuver, MOUT)
- Airspace and Low Level Routes



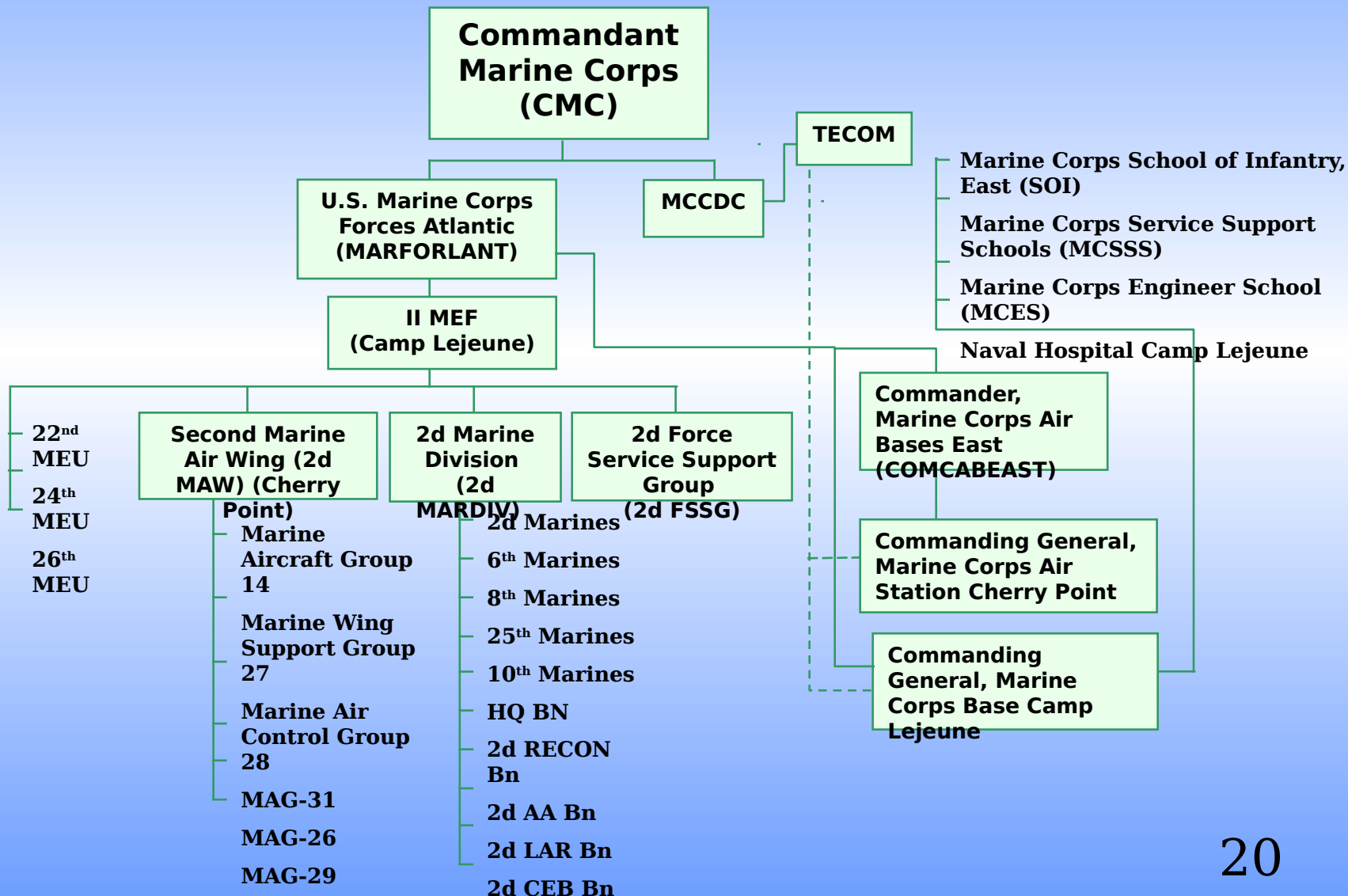
# Range Complex Users— Navy







# Range Complex Users— Marine Corps





# Strategic Vision for CP/CL

***To provide sustainable OpAreas, ranges & facilities for:***

- ☐ Principle support & realistic OPFOR electronic threat replication for integrated training in Advanced Phase of IDTC/PTP
- ☐ Contributory support to Intermediate Phase of IDTC/PTP as an element of the Training Resource Strategy
- ☐ Support as a backyard range to naval aviation & Marine training in Basic & Qualification Phases of IDTC/PTP
- ☐ Expeditionary Maneuver Warfare training including OMFTS
- ☐ ASW & MIW training for ships, aircraft & submarines in a shallow water training environment
- ☐ Shore Fire Control Party spotter training
- ☐ Hosting joint training events as a component of emerging Joint National Training Capability (JNTC)
- ☐ Homeland security training in a maritime environment





# Contract Final Products

## **Final Draft Cherry Point/Camp Lejeune RCMP**

- ☐ Format ready to initiate NEPA analysis

## **Final RCMP Template**

- ☐ Generic RCMP & business rules that incorporate lessons learned from developing the Cherry Point & SOCAL prototypes
- ☐ General applicability tested at Fallon Range Complex



# Prototype RCMP Milestones

**Jun 02:** Contract award

**Aug 02:** Draft workplan

**Sep 02:** Final Workplan

**May 03:** Interim Draft Prototype  
RCMP (75%)

**Aug 03:** Draft Prototype RCMP (100%)

**Sep 03:** Final Draft Prototype RCMP

**Oct 03:** Draft RCMP Template

**Jan 04:** Final RCMP Template



# Conclusions

- ❑ ***TAP is Navy's plan to sustain, upgrade, and modernize fleet training assets.***
- ❑ ***RCMP will contain environmental blueprint, encroachment mitigations, and investment strategy to support naval range complex operations on a 10-year planning horizon.***
- ❑ ***Navy will use Cherry Point/Camp Lejeune Prototype RCMP as a vehicle to standardize Navy range sustainable management and investment planning.***



# Encroachment Pressures





# Integrated Natural Resources Management Plan (INRMP)

***Comprehensive plans developed with and approved by USFWS and state fish & wildlife agencies for managing natural resources on DOD properties consistent with the military mission:***

- Conservation & rehabilitation of natural resources
- Sustainable multipurpose use of resources
- Public access subject to safety & security requirements
- ❑ Over 90% of military bases with significant natural resources already have INRMPS per Sikes Act
- ❑ DoD seeking Congressional authorization to substitute INRMPS for critical habitat designation



# Navy Range Management System

***Enterprise-level, web-enabled IT architecture to facilitate sustainable range management and operational/environmental planning***

- ❑ Will draw operational, geographic & environmental data from distributed databases for envisioned outputs:
  - Unique or emergent reports (EIS, litigation)
  - Recurring requirements (exercises/encroachment mitigation)
  - Range scheduling
  - Tracking/reporting range use & readiness conditions
- ❑ Status: Navy Range Office project in envisioning phase
  - TAP range data will adhere to standardized format (GIS, ACCESS) to ensure future compatibility with NRMS